

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	09/765,434	KUNITAKE ET AL.	
	Examiner	Art Unit	
	Gautam Sain	2176	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/25/06.
2. ☒ The allowed claim(s) is/are Original 1-14 (renumbered 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 4, 12, 13, 14, respectively).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

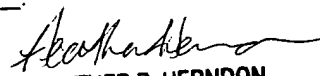
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☒ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
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**HEATHER R. HERNDON**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**

### DETAILED ACTION

1. This is an allowance in response to Amendments/Remarks filed on 1/18/2006 (via RCE on 1/25/06). Procedurally, the Amendments after final rejection were entered for examination on 2/6/06, while the Advisor Action (of 2/6/06) was transitory to the Applicant. Specifically:

10/28/05 – Examiner finally rejected the claims.

1/18/06 – Applicant filed proposed amendments/remarks (proposed amendments not automatically entered).

1/25/06 – Applicant filed an RCE (prior to Advisory Action)(later forwarded to Examiner on 2/6/06).

2/6/06 – Examiner submitted Advisor Action, indicating the proposed amendments (of 1/18) would not be entered (for their status on 1/18/06).

2/6/06 – PTO processed RCE (from 1/25/06) and forwarded to Examiner. All Amendments were automatically entered for examination (triggered by filing of the RCE).

2/8/06 – PTO mailed Advisor Action (from 2/6/06) to Applicant. This notified applicant that amendments of 1/18/06 would not be entered as of their After Final Rejection status on 1/18/06 (without mention of the change of status due to filing of RCE on 1/25/06).

2/17/06 - Examiner allows all claims (based on Entered status on 2/6/06).

The Advisory Action (mailed on 2/8/06) was addressing the proposed amendments submitted on 1/18/06. Since the Applicant submitted and RCE, the Advisory Action was moot at the time of mailing on 2/8/06, but was already in transition to the Applicant. All proposed amendments were entered for examination and this allowance address the claims as entered on 2/6/06.

2. Original claims 1-14 are renumbered to Final claims 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 4, 12, 13 and 14, respectively.

### **REASONS FOR ALLOWANCE**

3. The following is an examiner's statement of reasons for allowance:

While the prior art teaches structured documents, synthesizing documents, error notices for structured documents (ie., XML error handling), independently, the prior art fails to teach these elements in combination as recited by the applicant in the claim limitations. Specifically, the prior art fails to expressly teach a plurality of extraction rules, a processing invocation description analyzing means for analyzing processing invocation descriptions, and an error notice document synthesizing means for synthesizing syntax errors for rules detected by the rule separating means for an error notice, a processing invocation description synthesizing means for synthesizing the processing invocation descriptions and error notices for assessing an error notice page. Specifically, for independent claims 1, 7 and 14, the prior art does not expressly teach *synthesizing a document processing rule string only on the rule embedded in each structured document* (emphasis added). For independent claims 12 and 13, the prior art does not

expressly teach a *plurality of rules embedded in the structured document* (emphasis added). The Examiner asserts that although the express language of claims 1, 7, and 14 is slightly different than claims 12 and 13, the concept of synthesizing documents from rules *only* embedded in each document is equivalent to rules embedded in *the* structured document, since both variations are limited to rules embedded in a specific location of a specific structured document and not from anywhere outside of that structured document.

4. The claims are allowed as a combination of limitations and the applicant's assertions that the combination of references does not disclose, teach or suggest the subject matter recited according to the various *combinations* recited in the claims (see Remarks, Jan 18, 2006, page 13, second paragraph).

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gautam Sain whose telephone number is 571-272-4096. The examiner can normally be reached on M-F 9-5 EST.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 571-272-4136. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

G.S.-

GS

  
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